

# Major organization changes in Nuclear Division



Paul R. Vanstrum



George R. Jasny

Major organizational changes, effective August 1, have been announced by Roger F. Hibbs, President of the Nuclear Division. These include:

*George R. Jasny* has been named a Nuclear Division Vice President and will be responsible for Division engineering and computer activities;

*Paul R. Vanstrum*, Nuclear Division Vice President, has been given responsibility for the enrichment program and nuclear weapons activities; and

*Finis S. Patton* has been appointed Director of Engineering, succeeding Jasny.

A native of Poland, Jasny received his bachelor's degree from the University of Washington, and his master's degree in chemical engineering from the Massachusetts Institute of Technology. He joined the Nuclear Division in 1950 and was assigned to the Oak Ridge Y-12 Plant. Over the years he assumed positions of increased responsibility and in 1966 he was named engineering manager, responsible for all engineering functions at Y-12. In 1971 he was given the responsibility for managing the engineering for the uranium enrichment plant at Oak Ridge, including the Cascade Improvement and the Cascade Upgrade capacity expansion programs. He was named Director of Engineering for the Nuclear Division in 1973.

A registered professional engineer in the State of Tennessee, he is a member of the American Institute of Chemical Engineers, the National and State Societies of Professional Engineers, Tau Beta Pi, and Sigma Xi. He is Chairman of the Oak Ridge Utility District Board of Commissions and is a member of the Board of Trus-

tees of the Oak Ridge Hospital of the Methodist Church. In addition, he is Chairman of the advisory committee of the School of Engineering at Tennessee Technological University.

Jasny is married to the former Gloria Jones, and the couple has two children. Their home is at 106 Dixie Lane, Oak Ridge.

## Nuclear pioneer

A native of Minneapolis, Minn., Vanstrum was graduated from the University of Minnesota with a BS degree in chemical engineering in 1942. Following graduation, he began his career with Union Carbide at the Speedway, Ind., Laboratories and became associated with the nuclear program two years later when he joined a group of scientists at Columbia University working on the development of the gaseous diffusion process for uranium enrichment. He then moved to Oak Ridge where he has been a member of the technical management staff. He was appointed the Nuclear Division's Technical Director for Production in 1967 and Vice President for Production in 1969. In 1974, he was named Vice President for Engineering and Development, a position he has served in for the last six years.

Vanstrum is a recipient of the Ernest O. Lawrence Memorial Award of the former U.S. Atomic Energy Commission, and the Outstanding Achievement Award of the University of Minnesota. He is a Fellow of the American Institute of Chemists, a member of the American Association for the Advancement of Science, Sigma Xi, Tau Beta Pi, and the American Nuclear Society. He served on the Oak Ridge Board of Education from 1967 to 1971.

He is married to the former Kathleen Johnson and they live at 104 Ogden Lane, Oak Ridge.

## Joined UCC at Y-12

Patton, a native of Memphis, Tenn., received his BS and MS degrees in chemical engineering from the University of Mississippi and Louisiana State University, respectively, with further graduate work at the University of Tennessee.

(Please turn to page 8)

## Dividend increased

The board of directors of Union Carbide has voted to increase the quarterly dividend payment to 80¢ a share on the outstanding common stock of the corporation. The company's 253rd consecutive dividend is payable September 2, to stockholders of record on August 1.

The new dividend represents an increase of 6.67 percent over the prior dividend of 75¢ paid June 2, the amount paid quarterly since September 1, 1979.

"Our goal is to provide investors an increasing total return through a combination of capital appreciation and dividends," said William S. Sneath, chairman and chief executive officers.



Finis S. Patton

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# Nuclear Division News

• Vol. 11/No. 16 August 7, 1980

## In this issue...

Ruth Hardin, ORGDP, literally sings to the tune of a "Different Drummer." Her avocation, gospel singing, is described on page 2.

Other features in this issue:

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**SUMMER PROGRAM PARTICIPANTS**—Thomas Williams and Lametria Curd, ORNL Finance and Materials Division, are among more than 450 summer employees in the Nuclear Division. See related story on page 2.



# 400-plus summer employees fill plant positions

Among the new faces in the Nuclear Division are over 450 students and faculty members from all parts of the United States who are participating in summer programs.

These students and faculty members are working in research, engineering and computer science disciplines, as well as administrative and other non-technical areas. They include 320 college undergraduates, 46 graduate students, 24 faculty members and 78 high school students and recent graduates.

The largest activity involves 95 students in the Cooperative Education (Coop) Program. These engineering students alternate work periods in Nuclear Division facilities with study at one of 30 participating universities.

Among the undergraduates are 73 administrative support program participants who are filling summer clerical positions in ORNL divisions. Eight others are employed by ORNL's Plant and Equipment Division as part of the summer janitorial program.

A research participation program administered through Oak Ridge Associated Universities (ORAU) involves 70 undergraduates assigned to ORNL. The students carry out projects in the physical, life, environmental or social sciences, engineering or mathematics.

Seventy-four students hold technical support positions in ORGDP, ORNL and PGDP divisions this summer. Among them are majors in chemistry, physics, engineering or computer science. Several are working under an affirmative action program for women and minorities.

Forty-two graduate students were chosen from among 200 applicants to receive summer research internships at ORNL. They were selected

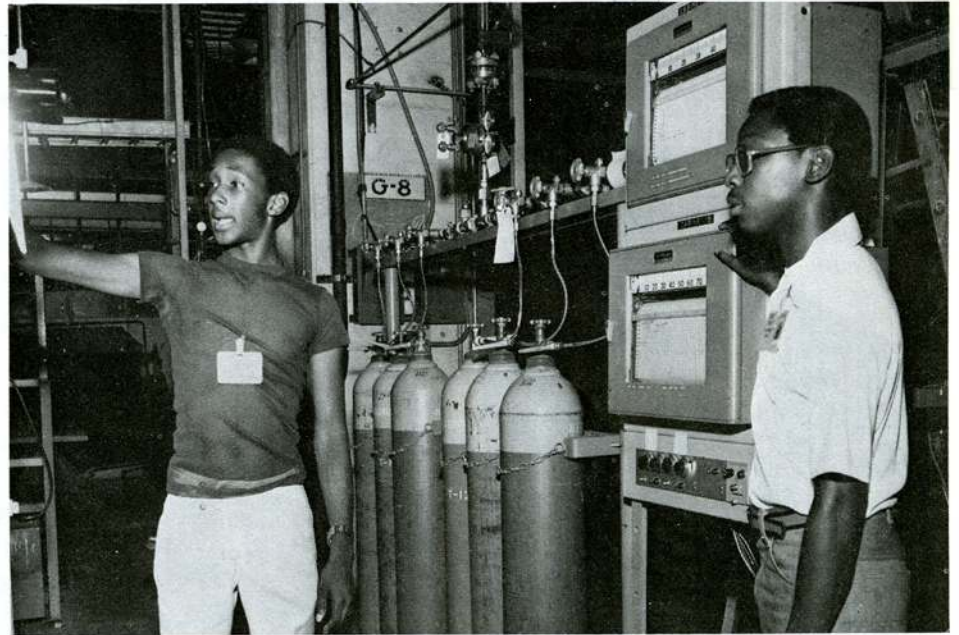
on the basis of their research interests and demonstrated ability in areas related to national energy needs.

Under a program of the National Consortium for Graduate Degrees for Minorities in Engineering, Inc., four graduate students from southeastern colleges are completing 10-week assignments at ORNL. The Laboratory joined other research organizations in 1976 to form the consortium, which encourages minority students to obtain graduate degrees in engineering. They are employed in the Engineering, Instrumentation & Controls and Chemical Technology Divisions.

Two research participation programs at ORNL are providing faculty members with summer research opportunities. An ORAU-funded program provides 17 faculty members with research opportunities and seven others are participants in an ORNL-administered program.

High school students at the Laboratory this summer include 24 local participants in the National Research Apprenticeship Program sponsored by ORNL, ORAU and Knoxville College. This new program was initiated to encourage students, especially minorities, to seek science and engineering careers. The students meet twice weekly with members of the Nuclear Division's professional staff, who introduce them to various energy-related occupations.

Twenty recent high school graduates are involved in this summer's Youth Opportunity Program (YOP). Developed in 1965, YOP provides summer employment for persons from 18 to 21 years of age who plan to continue their educations in college or in business



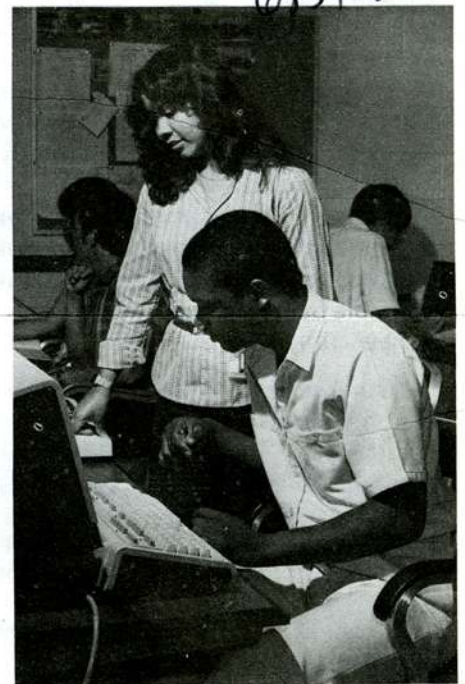
**RESEARCH APPRENTICES**—Richard Hardy, left, and William Hamlett review engineering principles they have learned under the National Research Apprenticeship Program. Hardy and Hamlett spend two days a week at Y-12 in the ORNL Engineering Technology Division.

or technical school. This year the participants are employed at ORNL and ORGDP.

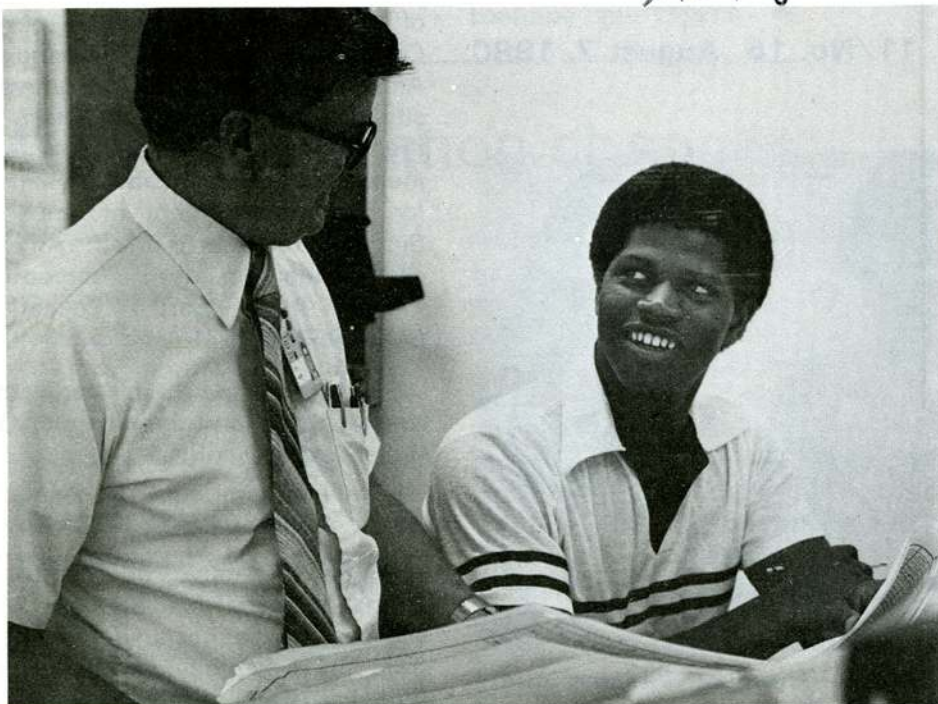
PGDP is sponsoring 30 high school juniors in a science and energy program. The students attend classes on the plant site and often have Paducah staff members as guest lecturers.

Completing the list of summer participants are four recent high school graduates employed in the Pre-Cooperative Education Program. These students are enrolled in engineering programs in colleges across the southeastern U.S. After their freshman year, during which the company will reimburse them for tuition and books, they will be eligible for the coop program.

The addition of over 400 summer employees requires careful planning and coordination by Nuclear Division staff. Program coordinators include Yvonne Lovely, George Moore, Jane Patterson and Elmo Wolfe of ORNL's Employee Relations Division; Milton Childress, ORGDP Employee Relations; Frank Shanklin, PDGP Employee Relations; and Marva Walton of Central Employment.



**TECHNICAL SUPPORT PARTICIPANTS**—Terry Thomas, left, and Julia Viera check a computer program in ORNL's Computer Sciences Division located at Y-12. Thomas and Viera are part of ORNL's technical support program.



**ENGINEERING PRE-COOP**—Dave Allen, left, ORNL Engineering Division, discusses a drafting problem with Russell Watts. Watts is in the Pre-Cooperative Education Program this summer.

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## Nuclear Division News

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## Medicine Chest

# Rocky Mountain Spotted Fever

by T. A. Lincoln, M.D.

(Editor's Note: Dr. Lincoln alternates his regular column with "The Medicine Chest," where he answers questions from employees concerning health in general. Questions are handled in strict confidence, as they are handled in our Question Box. Just address your question to "Medicine Chest," NUCLEAR DIVISION NEWS, Building 9704-2, Stop 21, Y-12, or call the news editor in your plant, and give him or her your question on the telephone.)

**QUESTION:** Please answer some questions about Rocky Mountain Spotted Fever. Is it caused by a virus? Can one become resistant to it? How dangerous is it? What is the treatment for it? Is there a vaccine?

**ANSWER:** Rocky Mountain spotted Fever (RMSF) is a potentially dangerous infection of the small blood vessels in the skin, subcutaneous tissue and central nervous system that is transmitted by ticks. It occurs primarily in the southeastern United States, with less than one percent of the cases occurring in the Rocky Mountain states. It is caused by virus-like microorganisms called rickettsiae. They are members of a biologically distinct group and resemble bacteria more than viruses. From a clinical standpoint, the most

important characteristic that distinguishes them from viruses is their sensitivity to antibiotics.

### Ticks are natural hosts

Ticks are natural hosts of these microorganisms and spread the disease among rodents, rabbits, squirrels and dogs. The dog tick is the source of most human infections. Between 1974 and 1976, in an effort to determine how often dog ticks were infected, the South Carolina Department of Health collected and examined 2659 ticks removed from humans by physicians, county health workers and private individuals. About three to four percent showed evidence of spotted fever group rickettsiae.

Fifty-one of 91 persons from whom an infected dog tick had been

removed were interviewed. Eleven of the 51 gave a history of fever, headache, muscular aching or rash within two weeks after removal of the tick. None of the persons had been thought to have RMSF.

It would appear, therefore, that mild forms of the infection may exist. It is also probable that many ticks are infected with rickettsiae strains that are of low virulence. Dogs seldom get sick or if they do, their owners are not aware of it. Dr. Edward Murray of the Harvard School of Public Health studied blood samples from 6000 dogs and found five to eight percent to have serological evidence of previous infection. He felt that the small minority of ticks that carry virulent strains must attach and feed for at least four to six hours before they can transmit the disease.

### Antibiotics are effective

RMSF is characterized by severe headache, muscle aching, chills and high fever, along with a rash that appears after about three to five days. Typically, it begins on the wrists and ankles and spreads rapidly to the trunk, extremities and sometimes the face. The single most diagnostic feature is the spreading of the rash to the palms of the hands and soles of the feet.

If the diagnosis is made early enough and tetracycline and chloramphenicol antibiotics are used, complete recovery usually occurs. Unfortunately, the death rate (five to seven percent) has not changed greatly since antibiotics were discovered to be effective. The reason is the difficulty in making an early diag-

nosis. Many cases are not typical, and, until the past two or three years, no laboratory test has been available to enable the diagnosis to be made in the crucial first days of the illness. An immunofluorescent technique using either blood or a skin biopsy allows rapid identification of the microorganism, but false negatives are possible. The key to an early diagnosis is an alert physician who considers RMSF in every summertime patient who is acutely ill with a generalized infection.

### Avoid infected ticks

Once a person has recovered, resistance appears to last a lifetime. A vaccine is now under development, and clinical trials will begin in six months to one year.

Prevention of RMSF depends on avoiding contact with infected ticks. Even though children and young adults may not play or hike in the woods where ticks are common, they often pick up ticks from the family dog. Keeping the dog tick-free is obviously desirable but not easy. Ticks should be removed carefully, especially if they are engorged with blood. Ticks should never be squashed between the fingertips. A nonabsorbent paper can be used to grasp and remove the tick. The paper and tick should then be burned.

Diagnosed cases of RMSF are not common, and only about 1000 are reported each year. Many more cases undoubtedly occur but are not reported. Nevertheless, due precautions should be taken in the summer months, especially with children who play in the woods or have a dog.

## Winebarger, Sawicki named to ORGDP posts

The Maintenance Division at ORGDP has announced two appointments: George H. Winebarger has been named head of K-32 Maintenance; and Joseph Sawicki has assumed responsibility for the Cascade and Mechanical Utilities Department.

Winebarger, who has been an engineer in the pollution control group and a supervisor in General Plant Maintenance, is a native of Kingsport. He has a BS in chemical engineering and an MS in environmental engineering from the University of Tennessee. He joined Union Carbide in 1971, after working for the Shebestor Oil Well Repair Company and the Holston Army Ammunition Plant.

He and his wife, the former Dianne Hale, live on Poplar Springs Road, Kingston. She works in ORGDP's engineering Division. They have a daughter, Vera.

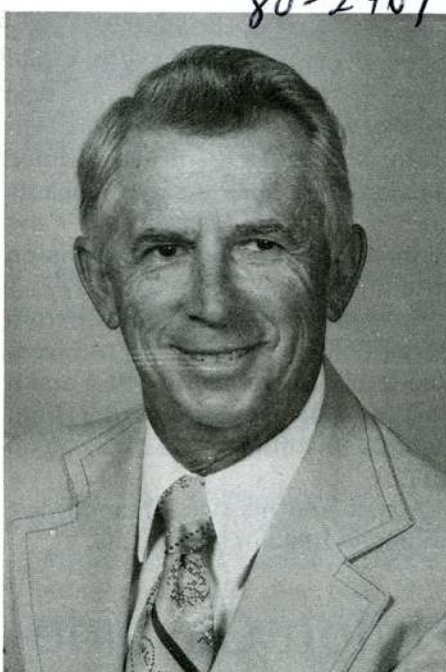
Sawicki, a native of Chester, Pa., is a graduate of Penn State University. He joined Union Carbide in 1944, after working with the Kellogg Corporation. In 1951 he transferred to the Paducah Plant, and in 1963 went to the Plant and Equipment Division at



George H. Winebarger

ORNL. From 1967 to 1973 he was a utilities supervisor at Union Carbide's Films Packaging Division at Loudon. In 1977 he transferred back to ORGDP as a supervisor in the Shift Maintenance Coordinator's Office.

Mrs. Sawicki is the former Betty Graham, and the couple lives at 407



Joseph Sawicki

Delaware Avenue, Oak Ridge. They have a daughter, Sandy Snyder, and two sons, Joseph M., employed at ORGDP, and David.

Sawicki serves as secretary for the Association for the Mentally Retarded of Anderson County.

## Irene Moore dies



Mrs. Moore

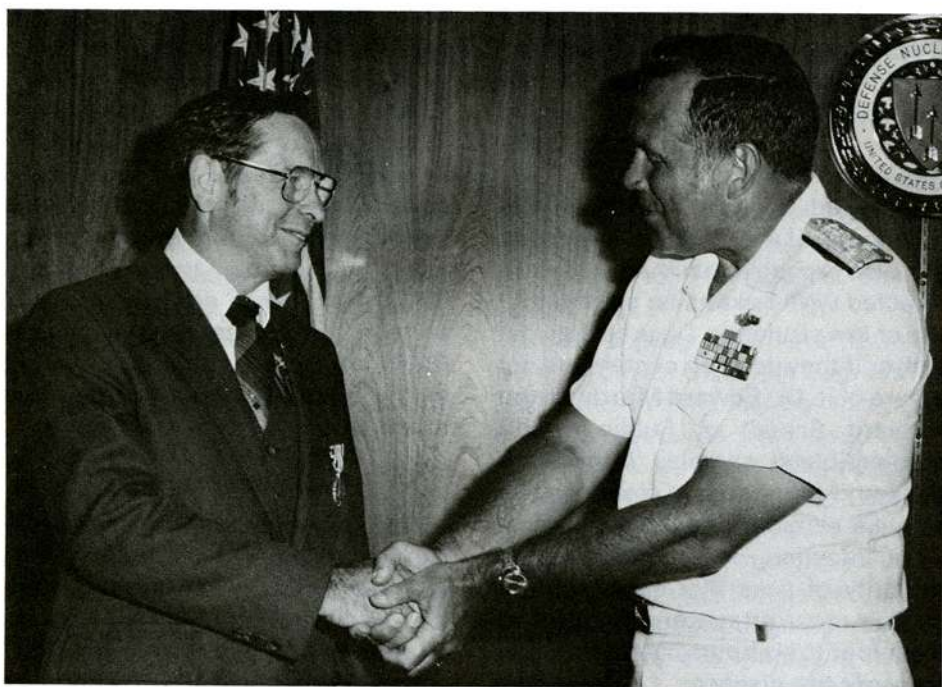
Irene Moore, ORGDP Cafeteria, died July 22 in Loudon County Memorial Hospital. A native of that area, she had been employed at Union Carbide since 1945. She lived at 101 Church Street, Loudon.

Survivors include a daughter, Cecile McKeeahn; granddaughters, Eugenia Williams, Cynthia Lee-Ann and Angela McKeeahn; sisters, Edna Ruth Moore, Zelma Lee Bridges, Annie Ray Styles, Margaret Stockton and Mary Gallant; and two brothers, Gus and Jay Moore.

Funeral services were held at Kyker's Chapel, with burial in the Sweetwater Valley Memorial Park.

A memorial scholarship fund for the granddaughters has been established and the family has asked that any gift be in that form. Contributions may be made to Gary A. Riser, K-1007, MS 37.





JOHN A. AUXIER (left), director of ORNL's Industrial Safety and Applied Health Physics Division, is congratulated by Vice Admiral Robert R. Monroe after receiving the Defense Nuclear Agency's Meritorious Public Service Medal.

## Auxier receives DNA medal for radiation consultant work

John A. Auxier, director of ORNL's Industrial Safety and Applied Health Physics Division, recently received the Defense Nuclear Agency's (DNA) Meritorious Public Service Medal, the highest honor given by the agency.

This award, recognizing Auxier's contributions as a radiation consultant to DNA on several national and international projects, was presented in ceremonies in Washington by Vice Admiral Robert R. Monroe, director of DNA. The agency is the arm of the Department of Defense responsible for nuclear weapons effects research and testing.

Auxier was cited for his work with the Nevada atmospheric nuclear tests in the 1950's; his research during the Ichiban study of the atomic bomb survivors of Hiroshima and Nagasaki, Japan; and his role in the Enewetak Radiological Clean-up Project following nuclear tests in the Pacific.

His research on the doses to humans and animals exposed to ionizing radiation led to the development of a mathematical model for dose prediction and measurement. These findings have been used in establishing standards for human radiation exposure and in estimating dose-response relationships.

From medical statistics on the Hiroshima and Nagasaki survivors, Auxier and his co-workers were able to relate radiation doses to distance from the radiation source, type of radiation, and other factors. The resulting information also helped in determining the levels of radiation received by participants in the Nevada nuclear weapons tests. Following the Enewetak nuclear tests in the Pacific, Auxier helped to establish and implement radiation-safety standards to minimize exposures to personnel involved in the clean-up project.

In another recent honor, Auxier's paper on radiation dosimetry, "Physical Dose Estimates for A-Bomb Survivors-Studies at Oak Ridge, U.S.A.," was selected as one of 22 outstanding contributions in the radiation field from 1897 to 1975 to be published in a special issue of the journal *Health Physics* commemorating the 25th anniversary of the founding of the Health Physics Society. His work also earned for him the 1963 Elda E. Anderson Award, the highest honor given by the 3900-member society.

A past president of the society, Auxier currently serves on several committees within the organization.

He joined ORNL in 1955 as a member of the Health Physics Division. From 1962 to 1972, he was chief of the Radiation Dosimetry Program; and in 1972 he was named division director. Auxier became director of the Industrial Safety and Applied Health Physics Division when it was established in 1977.

He received his BS in physics from Berea College in 1951, his MS from Vanderbilt University in 1952 and a PhD in Nuclear Engineering from Georgia Institute of Technology in 1972.

Auxier and his wife, Jeanne, live on Jones Road in Lenoir City.

## Union Carbide—around the world

WHILE SECOND QUARTER WORLDWIDE SALES of Union Carbide were up four percent over the 1979 second quarter, net earnings for the quarter, on a comparable accounting basis, were 16 percent below those of the second quarter of the prior year.

Net earnings for the second quarter were \$149.9 million; second quarter 1979 net earnings were approximately 179.2 million. Earnings per share were \$2.25, based on

## Songbird of the South singing in Knoxville concerts, churches

Before a 1963 gospel concert in North Carolina, Ruth Hardin was introduced as the Songbird of the South. The name has stuck with her for 17 years.

A soft-spoken clerk in ORGDP's Engineering Division, Hardin is known locally both for her appearances at Knoxville's Civic Coliseum with the Knoxville Symphony Orchestra and the Staple Music Association, and also for her less-publicized appearances in local nursing homes and churches.

"I enjoy people, and I enjoy singing for them," she explains.

Although she has had opportunities for professional contracts, the soprano decided against all of them. "When my children were small, I didn't want to leave home and be away from them. Now, I may be foolish for not signing any contracts, but I like singing in little churches in little country places where I couldn't possibly make any money. There's not any reward financially, but it's very fulfilling," she continued.

A native Knoxvillean, Hardin began her singing career at 17 with the Brownlow Knoxville Choir, a gospel group which toured the East and Midwest. In 1954 she formed the Woodfin Singers; and when the group disbanded, she began giving the solo concerts she is known for today.

Her talent has been acknowledged many times by local, state and national awards. She won first place in the solo competitions of the Knoxville and the Tennessee Gospel Symposiums every year from 1953 to 1958, capturing the national title four years in a row. In 1975, she was named soloist of the year by the National Gospel Music Guild. She has sung with such gospel greats as Mahalia Jackson, Shirley Caesar and James Cleveland.

Hardin recorded the album, "Lord, I'll Go," in 1952; and she plans to record another one soon. She is completing a book of her own compositions, some of which are already published.

Hardin still travels extensively, but she can be found most often singing in her Knoxville church, Grace Tabernacle. Whether she's in a church or a



Hardin

nursing home, a gospel concert or a prison church service, the Songbird sings the songs of encouragement and praise in which she believes. One of her own compositions reads:

**"Make me rich, Lord  
Riches, Lord, I really need  
Riches, Lord, for this I plead  
Not money, Lord, but rich in thee.  
Rich in joy, in peace, in life  
Living for others, sharing their  
strife.**

**Rich in love, in joy, in faith  
Rich, in your amazing grace.  
Not money, Lord, but rich in Thee  
Tho I'm not worthy of those blessings  
you give,**

**Not deserving of this life I live,  
Please make me rich, Lord, rich in  
Thee**

**And the praise is yours,  
Forever."**

ping and raw material costs rising, and with no price relief over the prior quarter, the pressure on profit margins continued."

Also contributing to the lower second quarter earnings, Sneath added, was an after-tax loss of 30 cents per share due to foreign currency exchange and translation. This compares to a 19 cent per share gain in currency adjustments experienced in the first quarter of 1980.



## Question Box

# Why can't I do business with local Blue Cross office?

**QUESTION:** I am a Union Carbide retiree living in the Knoxville area. There is a Blue Cross-Blue Shield office very conveniently located here. They tell me, however, "We have been instructed not to give you assistance; you will have to contact your company for any help."

With the complication of major surgery, Medicare, etc., including all the paperwork back and forth, there is a real need for across-the-table discussions.

Long distance phone calls are expensive, too. Is something being done about this situation?

**ANSWER:** Our Blue Cross-Blue Shield contract is individually written and is different from the standard Blue Cross-Blue Shield contract. The Blue Cross representatives in Knoxville do not administer our plan and may not be familiar with the benefits provided under our plans. For this reason, all questions regarding your Blue Cross coverage should be directed to the Benefit Plans Office at the installation where you are employed. The telephone numbers are: ORGDP - 574-8461; ORNL - 574-4438; and Y-12 - 574-1558. If you anticipate a long discussion which might result in an expensive phone call, drop them a note and they can call you on our toll-free line to Knoxville.

### FICA on sick pay?

**QUESTION:** I would like to know why no FICA tax is deducted from my salary for days when I have been on sick leave. Is this an IRS or a Union Carbide policy? Since the salary paid during such absences is included in

the total wages that are reported for income tax purposes, it does not seem fair that it is not also credited toward total earnings for Social Security purposes.

**ANSWER:** The Federal Social Security law provides that payments by an employer to an employee for sickness or accident disability are not taxable wages for FICA purposes. These payments are taxable, however, in connection with normal Federal income taxes.

Union Carbide, therefore, is merely observing the applicable laws in making deductions as they do.

### Turn typewriter off?

**QUESTION:** Often when typing, I have intervals during which I must answer the phone, collate material, etc. For conservation's sake, should the typewriter be turned off each time or not?

**ANSWER:** Yes; it is recommended that typewriters and other office equipment be turned off when not in use. Although the amount of electricity used by one item may be small, savings can be very important if *all* equipment is turned off when not needed. This is especially true of heating, cooling, and lighting systems.

If all of us follow the installation guidelines for heating, cooling, and lighting, and turn off all equipment when it is not needed, we can meet the established energy saving goals and realize significant dollar savings in the process.

We encourage all employees to be as conscientious as you obviously are in energy-related matters.



**THIS GROUP WAS ENTERTAINED** by clown Kathy Jenkins at the recent ORNL and ORGDP Employee Relations Division picnic at Clark Center Recreation Park. Other entertainment included the "Goldrush" Bluegrass Band, comprised of ORGDP employees, and a special number by Carmen Trammel and John Milton on "How to be an Employee Relations Star."



**ORNL AND ORGDP EMPLOYEE RELATIONS DIVISION** employees and family members competed in several events at the picnic. Winners included: Softball, ORNL; Double Horseshoe Competition, George Blue and Denise Johnson; Egg Toss, Phil Parrett and Gail Willard; Daredevil Obstacle Course, Billy Simpson; Basketball Freethrow Contest, David DeStefano; and Three-Legged Race, Mike and Gail Willard.



**UNITED WAY DAY CARE** — In 1979, employees at the Paducah Plant donated over \$4,500 to the Massac County United Way Fund, which financially aids the United Methodist Church Day Care Center in Metropolis. Dan Stitt, Paducah Technical Services Division, visited the center recently during a video taping session to better understand what the facility offers area families. The center will be featured in the Paducah's 1980 United Way video tape now being produced.

## CPS review, workshop offered

The Oak Ridge Chapter of the National Secretaries Association (International) is sponsoring a Certified Professional Secretary (CPS) Review Course for 1980-81. The course includes six classes, each of which will be limited to 40 persons.

Classes include: Office Procedures and Administration (September 3-October 8), Secretarial Skills and Decision Making (September 8-29); Economics and Management (October 2-November 6), Behavioral Science in Business Law (March 16-April 20). Each class will be held at Oak Ridge High School from 6 to 9 p.m.

In addition, the chapter will sponsor a one-day workshop, "Preparing

for the Certified Professional Secretary Examination," on Saturday, September 13, from 9 a.m. to 3 p.m. The workshop, which will be held at the Oak Ridge Associated Universities Conference Room on Badger Road, will cover four areas: (1) managing study time, (2) reading and remembering, (3) note taking during preparatory classes and (4) taking the exam. There is no cost for the workshop, which will be limited to 30 participants.

For more information about the classes or workshop, contact Helen Corbett, CPS, at 4-4068 or 482-1212.



## ORNL Dead Horse Lake

The Dead Horse Lake tournament for ORNL duffers went to K. Lannom, whose 67 was low. R. Barker and J. Jackson tied for second place with 74.

A. Olson's 73 was handicap low; followed by L. Manley, with 74.

In the second flight, it was D. Montgomery, 78; and W. Cox, 83; tying C. Hunley and H. Caudill. Handicap lows went to R. Pawel, 82; and H. Klaus, 84.

In the third flight, it was A. Petree, 87; and N. Lane, 88. Handicap lows were gleaned by D. Harasyn, 88; and B. Freels, 95.

## ORGDP Bays Mountain

Bill Thomas scored a 73 to take ORGDP's big tournament at Bays Mountain. He was followed by Ken Keever, with 76. Jim Compton's 78, in handicap scoring, was low; followed by W. J. Moore, 79.

In the second flight, it was John Prazniak, 80; and Clayton Mathis and Sam Woodfin tying with 83 each. Handicap laurels went to Chris Strange, 80, and W. E. Hall, 83.

In the third flight, it was Steve Watson, 81; and Ted Bartlett, 83; while handicap lows went to Bob Wyrick, 83; V. W. McNeeley, 99; and Ted Shapiro, 85.

## Late July softball standings...

Only two teams are left with unspotted records...as the Snakes, in the Atomic League-North, and the Sparks, in the Carbon League-West, stay up there as of late July.

League standings follow:

### Atomic League - North Division

Name	Won	Lost
Snakes	12	0
Shifters	9	2
B. T. Express	9	4
Blue Demons	9	4
Gashouse Gang	8	4
Bruins	8	5
Dynamics	6	6
Electric Bananas	6	7
ESD Pits	4	9
Rangers	3	9
A-Shifters	2	8
Critical Mess	2	10
War Hogs	1	11

### Carbon League - East Division

Name	Won	Lost
K-Traitors	13	1
Bareskins	11	3
Fes-Kids	11	3
Streakers	10	3
QA&I	9	4
Pirates	8	6
Sluggers	7	6
Superstar's	6	8
Ringers	6	7
Bear Creek All Stars	5	8
Killer Bees	5	9
Crippled Turkeys	5	9
Knockers	4	9
Wizards	4	9
Coneheads	4	10
Tom's Turkeys	0	13

### Carbon League - Central Division

Name	Won	Lost
Master Batters	12	1
Luda Loptas	11	2
P.O.I.'s	10	2
More Knockers	10	3
Fed II	9	4
Skinks	9	4
Wild Turkeys	8	4
Pop-Ups	6	6
Uptowners	5	7
The Gauss House Gang	5	7
Fuzz Ballz	4	8
Fed I	4	9
Pits	3	9
Zilogs	2	10
Our Gang	2	11
The Argonauts	0	13

### Atomic League - South Division

Name	Won	Lost
Prime Time Players	12	2
Mama's Best	11	2
Thunderdogs	11	2
Magnum Force	10	4
Mutagents	9	5
Infra-Red Sox	8	6
Short Circuits	7	7
Ole Ruff & Ready Gang	4	10
Arties Army	4	10
The Starters	3	10
Bat-O-Matics	2	11
Innovators	0	12

## Family Mixed bowling...

The Smooth Strokes continue to lead the Family Mixed League over the Oops. Joe Morgan rolled a high game and series with a 205/230 scratch, 573/648 handicap recently. Tillie Plaza rolled a 244/267 single and J. J. Saffell took high series with a 552. Eugene Hawkins converted the 7-10 split to give the alleys something to talk about, too!

## ORGDP Women's bowling...

The ORGDP Women's League will hold an organizational meeting on August 12 at 6 p.m. in the Ark Lanes Nursery. Any women wishing to bowl should attend or call the Recreation Office, extension 4-1597.

## D Shift bowlers...

A mixed bowling league is being formed for D shift workers. Interested persons should contact Stephanie Livesey, 4-8779, or the Recreation Office, 4-1597, for additional information.

## UCC Monday Mixed

Four's Company has the lead in the UCC Monday Mixed League by two points over the Good Luck 4. Bill Every rolled a 247 high handicap game for men recently. Our Team rolled an 836 high handicap game, which moved them into first place for the season.

## Patents Granted

Gerald P. Hirsch, ORNL, and Selim M. Senkan, for "Method of Freezing Living Cells and Tissues with Improved Subsequent Survival."

### Carbon League - West Division

Name	Won	Lost
Sparks	12	0
Seven + Three	11	1
Moneychangers	9	3
Stonefingers	8	5
Bombers	7	5
Odds and Ends	7	5
Gordon's Golden Flakes	6	6
Moxies	6	6
Bits and Pieces	6	6
Whirlybirds	6	6
'Tape' Worms	5	8
The Loose Balls	3	8
Rivets	3	8
Super-Subs	3	9
Rat House Gang	3	9
Three Up Three Down	1	11

## Tee-Off Time Application for

August 30, 1980

- ☐ Y-12—Bays Mountain  
☐ ORNL—Whittle Springs  
☐ ORGDP—Dead Horse Lake



1. \_\_\_\_\_ LEADER  
2. \_\_\_\_\_  
3. \_\_\_\_\_  
4. \_\_\_\_\_

PHONE \_\_\_\_\_

BLDG. \_\_\_\_\_

TEE-TIME \_\_\_\_\_

COMPLETE AND RETURN TO THE Y-12 RECREATION OFFICE  
BUILDING 9711-5, MS-001

Entries must be received prior to drawing on August 27, 1980.

Tee-off times for all tournaments will be drawn on Wednesdays prior to each Saturday's tournament. The leader ONLY for each foursome should call the Recreation Office, 4-1597, after 8 a.m., Thursday for your time.





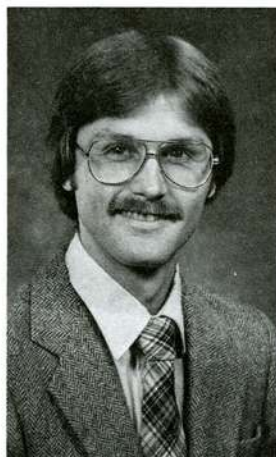
# News About People



Larson

Eugene P. Larson, Paducah Plant Engineering Division, has been named a centennial award winner by the Paducah Section of the American Society of Mechanical Engineers (ASME). The award was given to recognize a member in each chapter who has distinguished himself in the service of ASME, in his profession, employment and community.

Larson has served twice as chairman of the local chapter, vice-chairman, secretary, membership development chairman and as a member of the executive committee.



Mykles

Donald L. Mykles, a postdoctoral researcher in ORNL's Biology Division, has been awarded a one-year postdoctoral fellowship by the Muscular Dystrophy Association. Under the fellowship, Mykles will continue research in the laboratory of Dorothy M. Skinner, investigating the ultrastructure and biochemistry of claw muscle degeneration in the land crab prior to molting.

Mykles, who joined the Nuclear Division in 1979, holds an AA degree in natural sciences from San Joaquin Delta College, Stockton, Calif.; an AB degree in biological sciences from the University of California at Santa Barbara; and MA and PhD degrees in zoology from the University of California at Berkeley.

Jones, a research staff member, was nominated for the award by the East Tennessee chapter of the society for his development of a mathematical model to assess the effects of radiation or chemicals on humans and animals. With this model, health physicists can trace radiation particles as they enter the body and interact with tissues. Jones' recent research focused on the incidence of leukemia and other bone diseases in people exposed to ionizing radiation.

Jones joined Carbide in 1963 as a research associate. He received his BS in math from Southwest Missouri State University in 1962. The following year he received his MS in applied mathematics from Missouri School of Mines and Metallurgy.

## Y-12 Southwest Point

Charlie Ferguson took Y-12's Southwest Point tournament for July, scoring a neat 74. He was followed by Poe Smith, who carded a 76; and Ken Kendall, Dave Everett and Tom Peek all scored 77.

In handicap scoring it was C. T. Haun, 76; and C. C. Edwards, 78.

In the second flight, it was Dave Fortune, 82; and Glen Killough, 84. Chris Boy's 83 was handicap low and Edwain Eastwood's 92 was second, tying George Cantrell, who scored an 87.

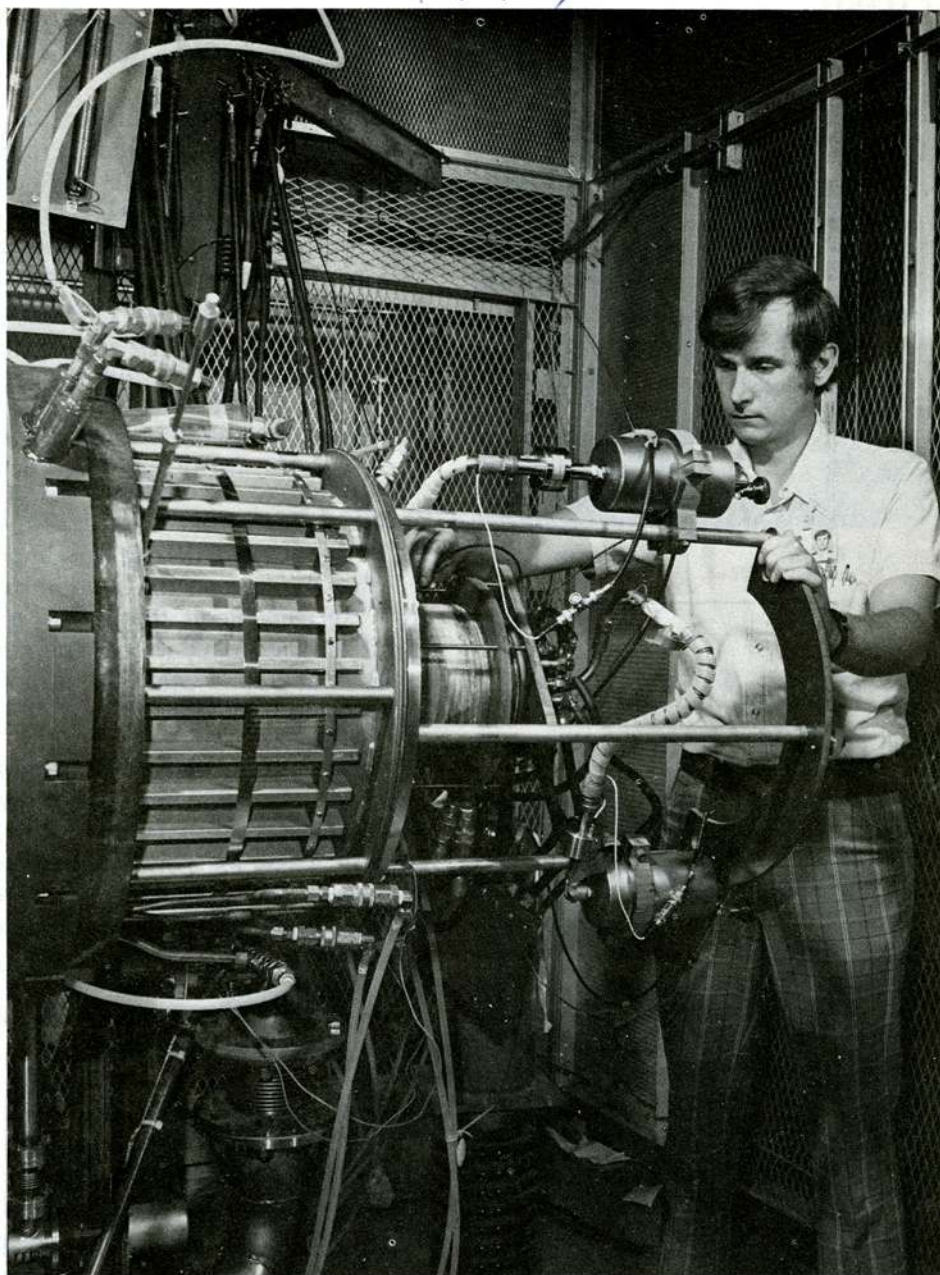
In the third flight, it was Gene Ware, 84; and Mark Lambo, 90. In handicap tallies it was G. C. Baldwin, 89; and B. W. Drinnen, 102.

Winners may pick up their golf balls at the Recreation Office, Building 9711-5.



Jones

Troyce D. Jones, ORNL Health and Research Safety Division, has been named the recipient of the Health Physics Society's 1980 Elda E. Anderson Award, the highest honor given by the society.



Researchers in ORNL's Fusion Energy Division, using a prototype system they designed and fabricated, have achieved the highest neutral beam powers ever measured in a neutral beam injection heating system. Shown here with the prototype system is Walt Gardner, ORNL manager of the injector development project, which was conducted jointly with the Princeton Plasma Physics Laboratory (PPPL) to provide injection heating for ORNL's ISX fusion device and Princeton's new PDX experiment. The goal of neutral beam injection heating for fusion devices is to bring the fusion plasma or "fuel" to the extremely high temperatures necessary for the plasma particles to overcome their basic repulsion to one another and fuse, creating energy.

## Anniversaries

### Y-12 PLANT

#### 35 YEARS

Cecil M. Miller, Building Services; Rudolph Paluzelle, Development Division; George W. Graham and Everett C. Walker, both in Buildings, Grounds and Maintenance Shops.

#### 30 YEARS

Lethan L. Hamlin, Process Maintenance; Arville J. Crawford, General Shops; Ernest V. Larmoyeux, Chemical Services; and Beecher B. Morrow, Casting.

#### 25 YEARS

Murrell R. Whaley, Fred N. McLain, Janice G. Midkiff and John Lewis Jr.

#### 20 YEARS

Goldie D. Weaver, Blanche H. Miller and James N. Underwood.

### ORGDP

#### 35 YEARS

Preston Goforth, Barrier Division; William Bradley Jr., Finance, Materials and Services; Roy Hembree,

Separation Systems; Donald Morris, Operations; Lavere C. Wrights, Operations; Roy H. Duncan, Maintenance; Troy C. Young, Enrichment Technology; Robert K. Brooks, Operations; Edward C. Johnson, Separation Systems; Fred A. McCrary, Maintenance; Boyd H. Forester, Enrichment Technology; Everett J. Fraley, Operations; Fred L. Kreger, Maintenance; Allan H. Jordan, Barrier Division; James M. Galyon, Purchasing; Ethel H. Walker, Computer Sciences; and Robert A. Carter, Computer Sciences.

#### 30 YEARS

Robert A. Walters, Maintenance; Roy C. Byrd, Engineering; Helen F. Murphy, Purchasing; Kate I. Gresham, General Accounting; and Lola C. Byrd, Operations.

#### 25 YEARS

John G. Cooke and Edwin A. Framer.

#### 20 YEARS

Earl K. Cottongim.



## Cline, Inman promoted at ORNL



Cline

Inman

Two appointments have been announced in the Laboratory Protection Division at ORNL. R. L. (Rocky) Cline has been named special materials representative for the Precious Metals Control Program, and D. Joseph Inman has been appointed special nuclear materials representative for nuclear safeguards. Both are in the Safeguards and Special Materials Management Department.

Cline joined Carbide in 1977 as a member of the Radioisotopes Department in ORNL's Operations Division. He holds a BA in chemistry from Berea College, Berea, Ky., and is currently enrolled in management courses at Roane State Community College.

Inman, who received a BS in business administration from the University of Tennessee, joined the ORNL staff in 1974 as a member of the Plant and Equipment Division. He and his wife, Sandra Loftis Inman, have two children, Daniel Joseph II and Connie Sue.

### A Shift sets picnic August 23

The A Shift at ORGDP is sponsoring a barbecue-picnic Saturday, August 23, at the Clark Center Recreation Park. All Carbide employees and their families are invited.

There will be barbecue, baked beans, cole slaw, cold drinks and the works. Blue Grass music will be featured, and there will be music from the 50's, 60's and 70's after that.

Tickets are available from Luie Finley, Building 1570-B, MS 250 at ORGDP. Requests must be made by August 18. Tickets are \$3.50 for adults, \$1.50 for children up to 12. Festivities get under way at noon and continue until 11 p.m.

## DeRossett heads ORGDP Security



William J. DeRossett

William J. DeRossett has been named Plant Protection Department head at ORGDP. He joined Union Carbide in 1976 after serving as a U.S. Army officer in armored cavalry and military police assignments.

A native of Washington, D.C., now living in Kingston, DeRossett received a BS in international relations from Georgetown University and an MS in public administration from Western Kentucky University. He has been fire and guard chief and an assistant shift superintendent at ORGDP.

## Major organization changes

(Continued from page 1)

He joined the Nuclear Division at the Oak Ridge Y-12 Plant in 1950 as a process design engineer. Subsequent positions included Engineering Design Supervisor, Superintendent of Design Engineering Departments at the Y-12 Plant, and Engineering Superintendent at the Oak Ridge Gaseous Diffusion Plant. He was appointed to his present position as Manager of Design Engineering in 1973.

He is a member of the American Chemical Society and was a United States delegate to the 1958 Conference on the Peaceful Uses of Atomic Energy in Geneva, Switzerland. He is a registered professional engineer in

the State of Tennessee and has been active in affairs of both the Tennessee and National Society of Professional Engineers, including service as President of the Oak Ridge Chapter. In addition, he is a recipient of the Outstanding Service Award of the Tennessee Society of Professional Engineers.

Patton, who lives in Knoxville, has been active in community affairs, including service as a member of the Oak Ridge Planning Commission.

In addition, Charles J. Parks, Vice President of Operations since 1974, announced that he has decided to resign from his post in Union Carbide's Nuclear Division to seek a position in the private sector.

## Recent Retirements



Fred L. Kreger  
Maintenance  
ORGDP  
35 years service



Paul H. Harley  
Separations Systems  
ORGDP  
28 years service



Wade L. Kelly  
Maintenance  
ORGDP  
33 years service



Benjamin C. Morton  
Operations ORGDP  
34 years service

## Save Energy / Share The Ride

### Y-12

RIDERS from Jacksboro/LaFollette/Caryville area to North or Biology Portals, 8-4:30. Willie Wilson, plant phone 6-4787, home phone LaFollette 562-1682.

CAR POOL MEMBER from West Knox County, near Cedar Bluff/Kingston Pike intersection; to any portal, 7:30-4 shift. Jack Hill, plant phone 4-2625, home phone Knoxville 693-5853.

### ORGDP

CAR POOL MEMBER from Merchants Road to Portals 5 and 7, straight day shift. Bobbi Robinson, plant phone 4-8784.

### ORNL

VAN POOL RIDERS from Weston, Rocky Hills areas, to South and West Portals, 8-4:30 shift. W. L. Pattison, plant phone 4-6888, home phone Knoxville 691-0781.

## Safety Scoreboard

Time worked without a lost-time accident through July 31:

Y-12 Plant .....	240 Days	8,192,000 Employee-Hours
ORGDP .....	178 Days	5,478,387 Employee-Hours
ORNL .....	82 Days	1,883,007 Employee-Hours
Paducah .....	2 Days	20,000 Employee-Hours

## Secretaries schedule September seminar


The annual seminar for career secretaries and other office personnel, sponsored by the Oak Ridge Chapter of the National Secretaries Association, is set for September 27. It will be held at the Sheraton Inn-West, Knoxville, and the registration fee is \$17.50, including lunch and a coffee break.

Alma Baron, associate professor of management at the University of Wisconsin-Extension, Madison, will

speak on "Problems of the 1980's and How to Meet Them."


Baron has many years experience in the business field in a management capacity. She is a consultant to many major corporations and is currently serving a three-year term on the Institute for Certifying Professional Secretaries.

Registration forms for the seminar are available from division secretaries or any member of the Oak Ridge Chapter of NSA.



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